

2.2 Re-Teach Worksheet

Intermediate Algebra

Name _____

Learning Target: I understand the meaning of function notation and can evaluate functions for a given input.

1. Given:

$$f(x) = 2x - 8$$

$$g(x) = 2x^2 + 3x - 1$$

$$h(x) = x + 4$$

Find:

a. $h(-5)$

b. $f(-1)$

c. $g(3)$

d. $h(0) + f(5)$

e. Find x if $h(x) = 14$

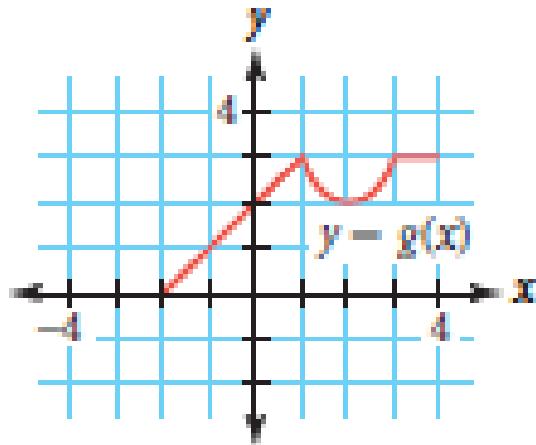
f. Find x if $f(x) = -20$

g. Compare the two expressions below as greater than, less than, or equal to. Show your work!

Options: $>$, $<$, $=$

$g(2)$ _____ the value of x when $h(x) = 5$

2. Use the graph to find the following:



a. $g(1)$

b. $g(-2)$

c. Find x when $g(x) = 1$

d. Find all values of x that make $g(x) = 2$

3.

x	$f(x)$
-3	4
-2	-1
7	3
0	2

a. Find $f(-3)$

b. What is x when $f(x) = 2$